

Initial Draft 2006 Basin Plan Triennial Review Priority List
Revised September 7, 2006

Issue No.	Issue Description	Estimated Basin Planning Staff Resources ¹ (PYs) (Supporting stakeholders, if any, are shown in parentheses) 2006-2008
1.	Amend the Basin Plan to include a prohibition on the use of septic tank subsurface disposal systems in the Quail Valley area.	1.0 ²
2.	Consider changes to beneficial uses and associated objectives to recognize wet weather effects considering Water Code Section 13241 factors. The immediate focus is to consider revisions to REC-1 and REC-2 beneficial uses and bacterial water quality objectives for surface waters based on USEPA's national criteria (<i>E.coli</i> and/or enterococci) and the recommendations of the Storm Water Quality Standards Task Force (SWQSTF). SWQSTF recommendations are now likely to include: 1) adoption of REC-1 subcategories beneficial use definition and redesignation of certain waters; 2) adoption of a high flow suspension of REC-1 standards; 3) de-designation of certain waters from REC ³ . Add rationale for the 2.2 mpn/100 ml Coliform discharge limit for POTWs discharging to the Santa Ana River and its tributaries. The SWQSTF may over time assist with other triennial review issues.	0.6 (SWQSTF)
3.	TMDL Basin Plan amendments, newly adopted or revised (e.g., for Newport Bay/San Diego Creek, Middle Santa Ana River Watershed, Big Bear Lake, Canyon Lake and Lake Elsinore).	24 ⁴

¹ Basin Planning resources, unless otherwise noted. 2.0 personnel years (PY) per year of Basin Planning resources are currently available.

² Enforcement program staff resources

³ A Use Attainability Analysis will be required for these activities

⁴ TMDL program resources

4.	Amend the Basin Plan to include a Reclamation Guidance Document.	0.2 (N/TDS Task Force)
5.	Triennial reviews of adopted TMDLs (per TMDL schedules/requirements).	3 ⁵
6.	Consider revisions to SHEL beneficial use definition (addition of beneficial use for shellfish harvesting for bait purposes, not human consumption) and re-designation of appropriate waters.	0.1 (County of Orange)
7.	Develop/revise nutrient objectives for region, focusing on 303(d) - listed waters, including San Diego Creek, Lake Elsinore, Canyon Lake, Big Bear Lake and its tributaries.	5.7 ⁶
8.	Add a water quality objective narrative regarding the excessive growth of macrophyte aquatic plants or combine with existing algae narrative objective.	0.1 ⁷
9.	Develop criteria for wetlands impact mitigation. Revise narrative to expand wetland definition and description of 401 process.	0.4 (USEPA ⁸)
10.	<p>Add the following water to Tables 3-1 and 4-1 and assign WQS (expanded from 2002 Basin Plan Triennial Review list):</p> <ul style="list-style-type: none"> a. Add Santa Ana Delhi Channel; divide into reaches from Upper Newport Bay to headwaters (beginning of Santa Ana Gardens and Delhi Channels) and assign REC-1 or REC-1 subcategory, or remove REC-1⁹, REC-2, WILD, and WARM where appropriate; b. Add Mystic Lake and assign REC-1, REC-2, RARE, WARM, WILD; c. Add Los Cerritos Wetlands and assign REC-1, REC-2, WILD, BIOL, RARE, SPWN, EST as appropriate. 	0.1

⁵ TMDL program resources

⁶ 2.7 PY from BP resources and 3 PY from TMDL program resources

⁷ TMDL program resources

⁸ Partially funded by a USEPA grant

⁹ A Use Attainability Analysis will be required

11.	<p>Add new reaches and designate appropriate beneficial uses (Table 3-1 and Table 4.1): Changes needed as a result of FERC relicensing (modified from 2002 Basin Plan Triennial Review List):</p> <ul style="list-style-type: none"> a. Lytle Creek from 1-15 to Korean Christian Camp Bridge - change to I-COLD and list as Reach 1¹⁰; b. Lytle Creek from Korean Christian Camp Bridge to headwaters of South, Middle, and North Forks list as Reach 2 and keep COLD; c. Mill Creek from SAR to Highway 38 - list as Reach 1 and keep I-COLD; d. Mill Creek from Highway 38 to confluence of Mountain Home Creek - list as Reach 2 and keep COLD; e. Mill Creek from Mountain Home Creek confluence to upper diversion in Forest Falls - change to I-COLD and list as Reach 3; f. Mill Creek upper diversion to headwaters - list as Reach 4 and keep COLD; g. SAR from Seven Oaks Dam to Power House 1 - change to I-COLD and list as Reach 4¹⁰; h. SAR from Power House 1 to headwaters – list as Reach 7 and keep COLD. 	0.2 (USARWRA)
12.	<p>Add the following waters to Tables 3-1 and 4-1 and assign WQS (expanded from 2002 Basin Plan Triennial Review list):</p> <ul style="list-style-type: none"> a. Add Buck Gully, Los Trancos Canyon Creek, Muddy Canyon Creek, Pelican Hill Waterfall Pelican Point Creek, Pelican Point Middle Creek (in Corona Del Mar and Crystal Cove State Park), and assign REC-1 or REC-1 subcategory, REC-2, WARM, and WILD; b. Add Laguna Lake (in Fullerton) and assign REC-1, REC-2, WARM, WILD, COMM; c. Add East Garden Grove Wintersburg, Anaheim-Barber City, and Bolsa Chica Channels and assign REC-2, WILD, WARM and REC-1 or appropriate REC-1 subcategory; d. Add Carbon, Fullerton, and Brea Creeks (San Gabriel River drainages) and assign REC- 2, WILD, WARM, and REC-1 or appropriate REC-1 subcategory. 	0.2

¹⁰ In addition, include narrative description of areas of rising groundwater and perennial flows in Basin Plan

13.	<p>Update Beneficial Use Table 3-1 and Water Quality Objectives Table 4-1 (modified from 2002 Basin Plan Triennial Review list):</p> <p>Add beneficial use designations (Table 3-1):</p> <ul style="list-style-type: none"> a. Add COMM to appropriate lakes, reservoirs, and streams; b. Add RARE to appropriate waters, including all reaches of San Diego Creek, valley reaches of Lytle, Cajon, and City Creeks, Reaches 4 & 5 of the San Jacinto River (from Nuevo Road to confluence with Poppett Creek), Strawberry Creek, North Fork of San Jacinto River and Reach 7 of San Jacinto River (Cranston Bridge to Lake Hemet), Sunnyslope Creek, Reach 4 of Santa Ana River, the Shay Meadows wetland and Baldwin Lake; c. Add SPWN to appropriate waters, such as Mountain Home Creek, Lytle Creek, San Antonio Creek, San Jacinto River – North Fork, and Reach 7, and Santa Ana River Reach 3 & 4; d. Add WILD to San Jacinto River Reaches 4 & 5. <p>Changes needed to reflect existing hydrology:</p> <ul style="list-style-type: none"> e. San Diego Creek from upper Newport Bay to drop structure at Macarthur Blvd - add Reach name and EST; f. Erwin Lake - revise beneficial uses to intermittent. 	0.4
14.	Remove Laguna and Lambert Reservoirs from Lakes and Reservoirs section of Table 3-1 and Table 4-1. Add the creeks that remain to Table 3-1 and 4-1, and assign appropriate WQS.	0.1 0.1 (The Irvine Company)
15.	Add waters in the Goodhart Canyon Watershed to Santa Ana Region and assign water quality standards. (Drainage has been altered by the construction of Diamond Valley Reservoir's East Dam). Add or subtract waters that would change as a result of realigning Region's boundary (to accurately reflect watershed boundaries) with Region 9 in the area of Laguna Hills.	0.1
16.	Republish basin plan in updated electronic format with updated maps based on CalWaters data and reflecting changes in watershed boundaries.	0.05 (SWRCB contract funds)

17.	Remove site-specific objectives for copper, cadmium, and lead for middle Santa Ana River reaches and their tributaries.	0.1
18.	Revise numeric objective for residual chlorine for discharges to surface waters.	2.2
19.	Review ammonia objectives based on 1999 USEPA national criteria.	0.9
20.	Add narrative on implementation procedures for narrative turbidity and toxicity objectives.	0.1
21.	Revise Chapter 5 Prohibitions Applying to Inland Surface Waters (saline and sewage discharges) and modify to explicitly include lakes.	0.2
22.	Revise Chapter 3 Beneficial Use tables narrative to incorporate Tributary Rule.	0.1
23.	Consider revisions to make clear that water quality standards apply to intermittent surface waters, as well as perennial waters.	0.1
24.	Consider revisions to recognize importance of headwaters as a separate class or category of waters, and of protecting their WQS.	0.3
25.	Develop waste discharge prohibitions for excessive sedimentation resulting from controllable water quality factors (targeted at excessive sedimentation in upper Newport Bay, Big Bear Lake, and Lake Elsinore Watersheds).	0.3
26.	Consider need for clarification of Chapter 5 Minimum Lot Size Requirements and Exemption Criteria for new Developments (using on-site sewage disposal systems).	0.1

27.	Non-regulatory, descriptive updates and revisions, including: a. Add narrative on Alaska Rule; b. Update information on approved policies (e.g., Nonpoint Source Enforcement Policy, 303(d) Listing Policy) (Chapter 2); c. Update Chapter 5 "Disposal of hazardous and Nonhazardous Waste" to reflect loss of SWAT program; d. Update SLIC Program Discussion; e. Update Animal Confinement Facilities (Dairies) discussion in Chapter 5; f. Update Nonpoint Source Program discussion in Chapter 5.	0.4
28.	Update the discussion of implementation of the antidegradation policy in Chapter 2 to address non-point source pollution.	0.1
29.	Reevaluate temperature criteria to ensure full protection of aquatic life.	0.5
30.	Update dissolved oxygen objectives for WARM/COLD beneficial uses.	0.5
31.	Review silver water quality objective for groundwater.	0.1
32.	Revise fluoride WQO to be consistent with DHS MCLs.	0.1 (MWD of So. Calif.)
33.	Develop and adopt biological criteria for managing water quality.	4 (SWRCB)
34.	Santa Ana River, Reach 3 – add TOC WQO.	0.1
35.	Review Methylene Blue-Activated Substances (MBAS) water quality objective for surface waters.	0.15
36.	Santa Ana River, Reach 3 – clarify the COD water quality objective.	0.2
37.	Amend the Basin Plan to include a prohibition on the use of septic tank subsurface disposal systems in the Cherry Valley area.	0.3